

Model HV9/HV10



Heavy Duty Multi-Material Baler

Two-ram construction in a single-ram baler. The Excel® HV9 and HV10 have the revolutionary single-sheet, interlocking construction found in our two-ram balers. The floor and side sheets are all single sheets, cut to fit together for indestructible construction. Their extra heavy-duty construction allows the HVs to also bale painted aluminum siding, radiators, aluminum extrusion and insulated wires.

HV SERIES BALERS

1-RAM Horizontal Waste
and Recycling Balers

MARKETS

- Recyclers
- Scrap Yards
- Landfills
- Manufacturers

MATERIALS

- Office Paper
- Newspaper
- OCC
- Magazines
- PET
- HDPE
- Aluminum Cans
- Tin Cans
- Painted Aluminum Siding
- Insulated Wire
- Aluminum Extrusions
- Radiators
- Copper Wire
- MSW
- Other

Standard features:

- Patented hydraulic bale pusher bar: (HV10 only)
- Extends to push bale beyond vertical door to allow tie off and ejection of the next bale.
- The HV9 and HV 10 are manufactured standard with either left-hand or right-hand hopper and controls.
- 50-horsepower TEFC motor, standard voltage—460-volt, 60-hertz, three-phase
- Industrial hardened logic controller
- Hardox 400 replaceable wear liners
- 300-gallon hydraulic reservoir with regenerative circuit
- One-year EXCEL limited warranty (parts and labor)
- Tongue-and-groove corrugated floor.
- Automatic bale-sizing system
- Automatic shear jam correction
- NEMA 12-rated enclosures and controls on moveable pedestal
- Castle key safety interlocking system
- Full-bale chamber penetration
- Standard hopper with inspection window
- Clean-out tool and extra spray paint
- One bundle of 12-gauge x 13-foot single loop wire ties
- Sandblasted, primed, and painted Excel Blue for long-lasting durability.
- Air-to-oil heat exchanger
- Lower photo eye
- UL-, CUL-approved (CE available)
- Available with EXCEL integrated conveyors with rubber or steel belts for a turnkey system

General Specifications

Overall dimensions and shipping weight may vary with options

	HV9	HV10
Structural		
HEIGHT	84" (213cm)	84" (213cm)
LENGTH	254" (645cm)	254" (645cm)
WIDTH	88" (645cm)	88" (645cm)
CHAMBER	45" (114cm) L x 59" (150cm) W x 29" (74cm) H 55" (140cm) W x 45" (114cm) L	45" (114cm) L x 59" (150cm) W x 29" (74cm) H 55" (140cm) W x 45" (114cm) L
FEED OPENING	55" (140cm) W x 45" (114cm) L	55" (140cm) W x 45" (114cm) L
CHAMBER FLOOR	1" Plate	1" Plate
CHAMBER SIDE WALLS	3/4" Plate	3/4" Plate
BALER SHIPPING WEIGHT	38,000 lbs. (18,143kg)	38,000 lbs. (18,143kg)
Performance Data		
MAIN CYLINDER	9" (23cm) Bore x100" (254cm) stroke x 6"(15cm) Chrome Rod	10" (25.4cm) Bore x130" (330cm) stroke x 7"(18cm) Chrome Rod
EJECT CYLINDER		
OIL RESERVOIR	300 gallon	300 gallon
INDEPENDENT PUMP	100 GPM	100 GPM
MOTOR	50 HP TEFC 460V, 3 Phase(200V Optional)	50 HP TEFC 460V, 3 Phase(200V Optional)
HYD SYSTEM PRESSURE	3,000 PSI Automatic Mode (3,250 Maximum)	3,000 PSI Automatic Mode (3,250 Maximum)
OVERALL PLATEN FORCE	190,851 lbs./206,756 lbs. Maximum	235,619 lbs./255,254 lbs. Maximum
PLATEN PSI	117 PSI/127 PSI Maximum	145 PSI/157 PSI Maximum
CYCLE TIME	15/11 Seconds Full/Short Stroke	17/13 Seconds Full/Short Stroke
ESTIMATED BALE SIZE	60" (152cm) L x 45" (114cm) W x 30" (76cm) H (adjustable)	60" (152cm) L x 45" (114cm) W x 30" (76cm) H (adjustable)
ENCLOSURE	NEMA 12 Rated	NEMA 12 Rated
CONTROLS	CE/UL Approved NEMA 12 Rated	CE/UL Approved NEMA 12 Rated
Bale Weights*		
ALUMINUM EXTRUSION	1,000 lbs. (554kg)	1,200 lbs. (554kg)
PAINTED ALUMINUM SIDING	1,700 lbs. (907kg)	2,000 lbs. (907kg)
RADIATORS	1,500 lbs. (771kg)	1,700 lbs. (771kg)
INSULATED COPPER WIRE	3,300 lbs. (1,587kg)	3,500 lbs. (1,587kg)
MISC. NON-FERROUS SCRAP	1,300 lbs. (680kg) 5.1	1,500 lbs. (680kg)
FOAM		
OCC	1,400 lbs. (680 kg)	1,500 lbs. (680 kg)
HDPE	1,250 lbs. (566 kg)	1,250 lbs. (566 kg)
PET	1,150 lbs. (521 kg)	1,150 lbs. (521 kg)
ALUMINUM CANS	750 lbs. (408 kg)	900 lbs. (408 kg)
TIN CANS	1,600 lbs. (816 kg)	1,800 lbs. (816 kg)
MAGAZINE	2,300 lbs. (1,087 kg)	2,400 lbs. (1,087 kg)
NEWSPAPER	1,600 lbs. (771 kg)	1,700 lbs. (771 kg)
OFFICE PAPER	1,600 lbs. (771 kg)	1,700 lbs. (771 kg)